

# INTERNATIONAL SEARCH REPORT

PCT/GB 03/04752

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B60F3/00 F16D3/223

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60F F16D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02 14092 A (GIBBS INT TECH LTD; GIBBS TECH LTD ; ROYCROFT TERENCE JAMES (NZ)) 21 February 2002 (2002-02-21) cited in the application abstract; figures	1, 3, 4, 8
A	US 5 531 179 A (ROYCROFT MARIE A ET AL) 2 July 1996 (1996-07-02) cited in the application column 3, line 1 - line 21 figures 1C, 2, 4, 5	1
A	US 4 958 584 A (WILLIAMSON ROGER L) 25 September 1990 (1990-09-25) abstract; figures 2A, 2B	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

2 March 2004

Date of mailing of the international search report

09/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Topp, S

# INTERNATIONAL SEARCH REPORT

PCT/GB 03/04752

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0214092	A	21-02-2002	AU	7649501 A	25-02-2002
			CN	1443122 T	17-09-2003
			EP	1307353 A1	07-05-2003
			WO	0214092 A1	21-02-2002
US 5531179	A	02-07-1996	NZ	250979 A	26-03-1996
			AT	218452 T	15-06-2002
			AU	683330 B2	06-11-1997
			AU	1162995 A	07-09-1995
			DE	69526925 D1	11-07-2002
			DE	69526925 T2	09-01-2003
			EP	0742761 A1	20-11-1996
			ES	2176316 T3	01-12-2002
			WO	9523074 A1	31-08-1995
			US	RE36901 E	03-10-2000
US 4958584	A	25-09-1990	US	4838194 A	13-06-1989